PTO/SB/08a (07-05)

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RADE Subst	itute for form 1449A	√PTO		Complete if Known		
				Application Number	10/658,614	
INF	ORMATION	DISCLOSI	JRE	Filing Date	September 10, 2003	
ST	ATEMENT B	Y APPLICA	ANT	First Named Inventor	GINZBURG, Boris	
				Art Unit	Not yet known	
(use as many sheets as necessary)				Examiner Name	Not yet known	
Sheet	1.	of	2	Attorney Docket Number	P-5911-US	

			J.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/SAG/	A	US-2005/0053037	03-10-2005	Ginzburg et al.	
7SAG/	В	US-2005/0122989	06-09-2005	Ginzburg et al.	
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	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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Examiner Signature	/Simon A. Goetze/	Date Consider	03/19/2007

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	•			Application Number	10/658,614	
INFORMATION DISCLOSURE				Filing Date	September 10, 2003	
STATEMENT BY APPLICANT			CANT	First Named Inventor	GINZBURG, Boris	
				Art Unit .	Not yet known	
(use as many sheets as necessary)			ary)	Examiner Name	Not yet known	
Sheet	2	of	2	Attorney Docket Number	P-5911-US	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	publisher, city and/or country where published				
	C	IEEE Std 802.11b-1999, Supplement to IEEE Standard for Information Technology - Telecommunications				
/SAG/	1	and information exchange between systems - Local and metropolitan area networks - Specific				
		requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY)				
	 	specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band				
	"	IEEE Std 802.11g-2003, IEEE Standard for Information Technology - Telecommunications and	-			
/SAG/	l	information exchange between systems - Local and metropolitan area networks - Specific requirements -				
. •		Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment 4: Further Higher Data Rate Extension in the 2.4 GHz Band				
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	Applica	don Number	Not yet known	
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STATEMENT BY APPL	ICANT First Na	m d Inventor	GINZBURG, Boris	
	Group A	t Unit	Not yet known	
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Sheet 1 of 1	Attomey	Docket Number	P-5911-US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/SAG/	ÄA	DAJI QIAO and SUNGHYUN CHOI, "Goodput Enhancement of IEEE 802.11a Wireless LAN via Link Adaption", in	
	<u> </u>	Proc-IEEE (CC* 2001, Helsinki, Finland, June 2001, pp. 1995-2000	
∷/SAG/⊸	АВ	JIM GEIER, "Improving WLAN Performance witth RTS/CTS",	
		http://www.80211-planet.com/tutorials/article.php/1445641	
/SAG/	AC	JIM GEIER, "Improving WLAN Performance witth Fregmentation",	
		http://www.80211-planet.com/tutorials/article.php/1468331	
/SAG/	ΑD	JIM GEIER, "Sizing Up Your WLAN", http://www.80211-planet.com/tutorials/article.php/992011	
/SAG/	AE	Matthew S. Gest , "802.11 Wireless Networks" The Definitive Guide, O' Rellly 2002	
/SAG/	AF	Bob O;Hara and Al Petrick, "The IEEE 802.11 Handbook, A Designers Companion" IEEE 1999	
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Examiner	/Simon A. Goetze/	Date	03/19/2007
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